

Title (en)
Trench-shoring device.

Title (de)
Verbauvorrichtung für Gräben.

Title (fr)
Dispositif de blindage pour tranchées.

Publication
EP 0167114 A2 19860108 (DE)

Application
EP 85107977 A 19850627

Priority
DE 3423853 A 19840628

Abstract (en)
[origin: ES288077U] A cribbing device for trenches which includes a pair of opposing supports spaced apart by a spreader, each support having a plurality of guide profiles and a crosspiece. The crosspiece is disposed transversely to the longitudinal axis of the trench, and the guide profiles are arranged adjacent each other on said crosspiece. The guide profiles include a plurality of legs disposed vertically and extending outward from the crosspiece, and a plurality of flanges disposed vertically and secured to the legs at the ends of the legs opposite the crosspiece. The flanges project beyond both sides of the legs. A plurality of cribbing boards each having a guide bar which supports a guide head is provided. The guide head is in the form of a slotted hollow box section and extends vertically beyond the board at its vertical face side. The width of each guide profile flange is slightly smaller than the inside width of the guide heads. The slot of the guide heads corresponds to the legs of the guide profiles, and the inside spacings between the legs of the adjacent guide profiles is slightly larger than the total width of the guide heads. The boards may, therefore, be guided and supported by the supports by engaging the guide heads of the boards with the guide profiles of the supports thereby permitting the boards to be passed by each other on parallel planes and to be supported by the supports in a form-locked manner.

Abstract (de)
Verbauvorrichtung für Gräben, bestehend aus paarweise gegenüberstehenden und durch Spreizen (3) auf Abstand gehaltenen Stützen (1) und in diesen formschlüssig geführten und gehaltenen Verbauplatten (2), wobei die Stützen (1) senkrecht auf quer zur Grabenlängsachse angeordneten Stegen (4, 13) nebeneinander angeordnete, gleichartige T-förmige Führungsprofile (5) für die in parallelen Ebenen aneinander vorbeiführbaren Verbauplatten (2) aufweisen, die an ihren lotrechten Stirnseiten mit den Führungsprofilen (5) zusammenwirkende, ganz oder teilweise über ihre Höhe reichende, im Querschnitt T-förmige Führungsleisten (9) aufweisen, deren Flanschteile jeweils einen Führungskopf (10) in der Form eines im Querschnitt nach außen offenen C-Profil bilden, das so bemessen ist, daß es wahlweise zwischen zwei benachbarten Führungsprofilen (5) oder auf deren Flanschteilen (7) formschlüssig geführt und gehalten ist.

IPC 1-7
E02D 17/08

IPC 8 full level
E02D 17/08 (2006.01)

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E02D 17/00 (2013.01 - KR); **E02D 17/08** (2013.01 - EP US)

Cited by
DE29616986U1; US5399057A; DE10017764A1; DE10017764C2; DE4140815A1; EP0502362A1; DE4139829A1; EP0475382A1; GB2231352A

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